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| | | Filing Date | 12/12/00 |
| | | First Named Inventor | Liu, et al. |
| | | Group Art Unit | TBA 1631 |
| Examiner Name | TBA Allen | | |
| Sheet 1 | of 1 | Attorney Docket Number | 3298.1 |

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| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| MPA | 1 | | WO972731 | | Lockhart, et al. | 7/31/97 | | |
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| MPA | 1 | W. Liu, et al., "Rank-Based Algorithms for Analysis of Microarrays", Proceedings of SPIE-Microarrays: Optical Technologies and Informatics, Vol. 4266, June 2001 (2001-06), pp 56-67. | |
| MPA | 2 | "Statistical Algorithms Reference Guide", Affymetrix Technical Notes, Online, 2001, pp 1-12. | |
| MPA | 3 | Y. Chen, et al., "Ratio-Based Decisions and the Quantitative Analysis of cDNA Microarray Images", Journal of Biomedical Optics, International Society for Optical Engineering (SPIE), US, Vol. 2, No. 4, October 1997 (1997-10), pp 364-374. | |
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|--------------------|--------------------------|-----------------|---------|
| Examiner Signature | <i>Marianne P. Allen</i> | Date Considered | 7/21/03 |
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